



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/646,267
Source: IFWP
Date Processed by STIC: 3/23/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

DATE: 03/23/2004

PATENT APPLICATION: US/10/646,267

TIME: 13:40:10

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\03232004\J646267.raw

3 <110> APPLICANT: Ball, Kathryn L
 4 Lane, David P
 6 <120> TITLE OF INVENTION: Methods and Means for Inhibition of CDK4 Activity
 8 <130> FILE REFERENCE: CCI-007US
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/646,267
 C--> 11 <141> CURRENT FILING DATE: 2003-08-22
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB97/01250
 14 <151> PRIOR FILING DATE: 1997-05-08
 16 <150> PRIOR APPLICATION NUMBER: GB 9609521.1
 17 <151> PRIOR FILING DATE: 1996-05-08
 19 <150> PRIOR APPLICATION NUMBER: GB 9621314.5
 20 <151> PRIOR FILING DATE: 1996-10-09
 22 <160> NUMBER OF SEQ ID NOS: 28
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 20
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
 34 <400> SEQUENCE: 1
 35 Met Ser Glu Pro Ala Gly Asp Val Arg Gln Asn Pro Cys Gly Ser Lys
 36 1 5 10 15
 38 Ala Cys Arg Arg
 39 20
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 20
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
 51 <400> SEQUENCE: 2
 52 Lys Ala Cys Arg Arg Leu Phe Gly Pro Val Asp Ser Glu Gln Leu Ser
 53 1 5 10 15
 55 Arg Asp Cys Asp
 56 20
 60 <210> SEQ ID NO: 3
 61 <211> LENGTH: 20
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
 68 <400> SEQUENCE: 3

Does Not Comply
Corrected Diskette Needed

P.4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/646,267

DATE: 03/23/2004

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Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\03232004\J646267.raw

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69 Ser Arg Asp Cys Asp Ala Leu Met Ala Gly Cys Ile Gln Glu Ala Arg
70   1           5           10           15
72 Glu Arg Trp Asn
73           20
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 20
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
85 <400> SEQUENCE: 4
86 Arg Glu Arg Trp Asn Phe Asp Phe Val Thr Glu Thr Pro Leu Glu Gly
87   1           5           10           15
89 Asp Phe Ala Trp
90           20
94 <210> SEQ ID NO: 5
95 <211> LENGTH: 20
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
102 <400> SEQUENCE: 5
103 Gly Asp Phe Ala Trp Glu Arg Val Arg Gly Leu Gly Leu Pro Lys Leu
104   1           5           10           15
106 Tyr Leu Pro Thr
107           20
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 20
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
119 <400> SEQUENCE: 6
120 Leu Tyr Leu Pro Thr Gly Pro Arg Arg Gly Arg Asp Glu Leu Gly Gly
121   1           5           10           15
123 Gly Arg Arg Pro
124           20
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 20
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
136 <400> SEQUENCE: 7
137 Gly Gly Arg Arg Pro Gly Thr Ser Pro Ala Leu Leu Gln Gly Thr Ala
138   1           5           10           15
140 Glu Glu Asp His
141           20
145 <210> SEQ ID NO: 8

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RAW SEQUENCE LISTING

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Input Set : A:\SEQLIST.txt

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146 <211> LENGTH: 20
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
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154 Ala Glu Glu Asp His Val Asp Leu Ser Leu Ser Cys Thr Leu Val Pro
155   1               5               10               15
157 Arg Ser Gly Glu
158           20
162 <210> SEQ ID NO: 9
163 <211> LENGTH: 20
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
170 <400> SEQUENCE: 9
171 Pro Arg Ser Gly Glu Gln Ala Glu Gly Ser Pro Gly Gly Pro Gly Asp
172   1               5               10               15
174 Ser Gln Gly Arg
175           20
179 <210> SEQ ID NO: 10
180 <211> LENGTH: 20
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
187 <400> SEQUENCE: 10
188 Lys Arg Arg Gln Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg
189   1               5               10               15
191 Leu Ile Phe Ser
192           20
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 20
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
204 <400> SEQUENCE: 11
205 Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser
206   1               5               10               15
208 Lys Arg Lys Pro
209           20
213 <210> SEQ ID NO: 12
214 <211> LENGTH: 5
215 <212> TYPE: PRT
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: Motif

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DATE: 03/23/2004

PATENT APPLICATION: US/10/646,267

TIME: 13:40:11

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\03232004\J646267.raw

221 <400> SEQUENCE: 12
 222 Arg Arg Leu Ile Phe
 223 1 5
 227 <210> SEQ ID NO: 13
 228 <211> LENGTH: 8
 229 <212> TYPE: PRT
 230 <213> ORGANISM: Artificial Sequence
 232 <220> FEATURE:
 233 <223> OTHER INFORMATION: Description of Artificial Sequence: Motif
 235 <400> SEQUENCE: 13
 236 Lys Arg Arg Leu Ile Phe Ser Lys
 237 1 5
 241 <210> SEQ ID NO: 14
 242 <211> LENGTH: 9
 243 <212> TYPE: PRT
 244 <213> ORGANISM: Artificial Sequence
 246 <220> FEATURE:
 247 <221> NAME/KEY: SITE
 248 <222> LOCATION: (2)..(3)
 249 <223> OTHER INFORMATION: Xaa may be any amino acid
 251 <220> FEATURE:
 252 <221> NAME/KEY: SITE
 253 <222> LOCATION: 6, 8
 254 <223> OTHER INFORMATION: Xaa may be hydrophobic
 256 <220> FEATURE:
 257 <221> NAME/KEY: SITE
 258 <222> LOCATION: 1, 9
 259 <223> OTHER INFORMATION: Residue may be absent or different, ie another
 260 amino acid
 262 <220> FEATURE:
 263 <223> OTHER INFORMATION: Description of Artificial Sequence: General
 264 formula
 266 <400> SEQUENCE: 14
 W--> 267 Lys Xaa Xaa Arg Arg Xaa Phe Xaa Pro
 268 1 5
 272 <210> SEQ ID NO: 15
 273 <211> LENGTH: 16
 274 <212> TYPE: PRT
 275 <213> ORGANISM: Artificial Sequence
 277 <220> FEATURE:
 278 <223> OTHER INFORMATION: Description of Artificial Sequence: Carrier
 279 peptide
 281 <400> SEQUENCE: 15
 282 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
 283 1 5 10 15
 287 <210> SEQ ID NO: 16
 288 <211> LENGTH: 20
 289 <212> TYPE: PRT
 290 <213> ORGANISM: Artificial Sequence

"Lys"
 and "Pro"
 can only
 represent
 themselves;

If another
 amino acid
 can be
 indicated at
 those locations,
 use Xaa
 and explain
 in
 <220>-<223>
 section.

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TIME: 13:40:11

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\03232004\J646267.raw

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292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
295 <400> SEQUENCE: 16
296 Pro Arg Ser Gly Glu Gln Ala Glu Gly Ser Pro Gly Gly Pro Gly Asp
297   1               5               10               15
299 Ser Gln Gly Arg
300           20
304 <210> SEQ ID NO: 17
305 <211> LENGTH: 20
306 <212> TYPE: PRT
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
312 <400> SEQUENCE: 17
313 Glu Gln Ala Glu Gly Ser Pro Gly Gly Pro Gly Asp Ser Gln Gly Arg
314   1               5               10               15
316 Lys Arg Arg Gln
317           20
321 <210> SEQ ID NO: 18
322 <211> LENGTH: 20
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
329 <400> SEQUENCE: 18
330 Gly Ser Pro Gly Gly Pro Gly Asp Ser Gln Gly Arg Lys Arg Arg Gln
331   1               5               10               15
333 Thr Ser Met Thr
334           20
338 <210> SEQ ID NO: 19
339 <211> LENGTH: 20
340 <212> TYPE: PRT
341 <213> ORGANISM: Artificial Sequence
343 <220> FEATURE:
344 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
346 <400> SEQUENCE: 19
347 Gly Pro Gly Asp Ser Gln Gly Arg Lys Arg Arg Gln Thr Ser Met Thr
348   1               5               10               15
350 Asp Phe Tyr His
351           20
355 <210> SEQ ID NO: 20
356 <211> LENGTH: 20
357 <212> TYPE: PRT
358 <213> ORGANISM: Artificial Sequence
360 <220> FEATURE:
361 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
363 <400> SEQUENCE: 20
364 Ser Gln Gly Arg Lys Arg Arg Gln Thr Ser Met Thr Asp Phe Tyr His
365   1               5               10               15

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/646,267

DATE: 03/23/2004
TIME: 13:40:12

Input Set : A:\SEQLIST.txt
Output Set: N:\CRF4\03232004\J646267.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; Xaa Pos. ~~2,3,6,8~~

VERIFICATION SUMMARY

DATE: 03/23/2004

PATENT APPLICATION: US/10/646,267

TIME: 13:40:12

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\03232004\J646267.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0